

Message

From: Ramanauskas, Peter [ramanauskas.peter@epa.gov]
Sent: 7/3/2018 5:53:53 PM
To: Vater, Katherine [KVater@trcsolutions.com]
CC: Beedle, Michael [beedle.michael@epa.gov]; Mark Sheppard [msheppard@madison-kipp.com]; Stehn, Andrew [ASTehn@trcsolutions.com]
Subject: RE: Madison Kipp Corporation Groundwater Analytical Summary Table

Thank you for the clarification, Katherine.
 Peter

From: Vater, Katherine [mailto:KVater@trcsolutions.com]
Sent: Tuesday, July 03, 2018 12:36 PM
To: Ramanauskas, Peter <ramanauskas.peter@epa.gov>
Cc: Beedle, Michael <beedle.michael@epa.gov>; Mark Sheppard <msheppard@madison-kipp.com>; Stehn, Andrew <ASTehn@trcsolutions.com>
Subject: RE: Madison Kipp Corporation Groundwater Analytical Summary Table

Peter –

In 2013-2014, samples from eight wells (MW-3S, MW-3D2, MW-19D, MW-19D2, MW-20, MW-20D2, MW-21D, and MW-21D2) were quenched prior to shipping for laboratory analysis. These wells are located within the central portion of the northern parking lot and are near the ISCO injection area, a pilot treatment for chlorinated VOC impacts to groundwater that was conducted around that time by the previous consultant. Samples collected from these wells had visual indication of permanganate so they were quenched. Quenching reduces the potential for the samples to be further react while shipping to the laboratory, and it assists in providing a un-biased sample of the water quality without interference from on-going treatment reactions.

The footnote to the table will be revised as follows: Between 2013 and 2014, following in-situ chemical oxidation (ISCO) injections, samples from eight wells (MW-3S, MW-3D2, MW-19D, MW-19D2, MW-20, MW-20D2, MW-21D, and MW-21D2) with visual indication of permanganate were quenched prior to shipping for laboratory analyses.

Let me know if you need any further information.

Thanks,
 Katherine

608-826-3663

From: Ramanauskas, Peter [mailto:ramanauskas.peter@epa.gov]
Sent: Wednesday, June 13, 2018 12:25 PM
To: Vater, Katherine <KVater@trcsolutions.com>
Cc: Beedle, Michael <beedle.michael@epa.gov>; Mark Sheppard <msheppard@madison-kipp.com>; Stehn, Andrew <ASTehn@trcsolutions.com>
Subject: RE: Madison Kipp Corporation Groundwater Analytical Summary Table

Thank you, Katherine. I noticed the footnotes refer to quenching of samples. Can you provide some additional information on what that might be?

Peter

From: Vater, Katherine [<mailto:KVater@trcsolutions.com>]

Sent: Wednesday, June 13, 2018 10:47 AM

To: Ramanauskas, Peter <ramanauskas.peter@epa.gov>

Cc: Beedle, Michael <beedle.michael@epa.gov>; Mark Sheppard <msheppard@madison-kipp.com>; Stehn, Andrew <AStehn@trcsolutions.com>

Subject: FW: Madison Kipp Corporation Groundwater Analytical Summary Table

Peter –

Attached is the April 2018 groundwater analytical summary table for Madison-Kipp Corporation, including the PCB results. You will be copied on future submittals of the table. I apologize for the oversight in this case.

We are working through your 5/24/18 questions and should have a response to you soon.

Thanks,
Katherine

Katherine Vater, PE (WI)
Project Manager



708 Heartland Trail, Suite 3000, Madison, WI 53717
T: 608-826-3663 | C: 608-807-8968

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From: Stehn, Andrew

Sent: Tuesday, June 5, 2018 12:00 PM

To: Schmoller, Michael R - DNR <Michael.Schmoller@wisconsin.gov>

Cc: Mark Sheppard <msheppard@madison-kipp.com>; Vater, Katherine <KVater@trcsolutions.com>

Subject: Madison Kipp Corporation Groundwater Analytical Summary Table

Mike,

TRC has completed the first semi-annual groundwater monitoring event for Madison Kipp Corporation, for the 2018 calendar year. Attached is the groundwater analytical summary table which includes data through April 2018. Please let us know if you have any questions or comments.

Thanks,

Andrew M Stehn, PE (WI)
Senior Project Engineer



708 Heartland Trail, Suite 3000, Madison, WI 53717
T: 608.826.3665 | F: 608.826.3941 | C: 608.807.8112

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